

FIGURE 1

Identification
Number (IID)

1

ADD R1, R2, R3

2

ADD R3, R4, R5

3

ADD R6, R7, R8

4

ADD R8, R9, R10

5

ADD R11, R12, R13

6

ADD R5, R10, R14

⋮

⋮

FIGURE 2

Identification
Number (IID)

| | |
|---|-----------------------|
| 1 | [... 0 0 0 0 0 0 1] |
| 2 | [... 0 0 0 0 0 1 0] |
| 3 | [... 0 0 0 1 0 0 0] |
| 4 | [... 0 0 1 0 0 0 0] |
| 5 | [... 0 1 0 0 0 0 0] |
| 6 | [... 1 0 0 0 0 0 0] |
| ⋮ | ⋮ |

FIGURE 3

09016291.032201

| <u>Identification Number</u> | <u>Position</u> | | | | | | |
|----------------------------------|-----------------|---|---|---|---|---|----|
| | ... | 6 | 5 | 4 | 3 | 2 | 1 |
| 1 | [... | 0 | 0 | 0 | 0 | 0 | 0] |
| 2 | [... | 0 | 0 | 0 | 0 | 0 | 1] |
| 3 | [... | 0 | 0 | 0 | 0 | 0 | 0] |
| 4 | [... | 0 | 0 | 0 | 1 | 0 | 0] |
| 5 | [... | 0 | 0 | 0 | 0 | 0 | 0] |
| 6 | [... | 0 | 0 | 1 | 0 | 1 | 0] |
| ⋮ | | | | ⋮ | | | |

FIGURE 4

500

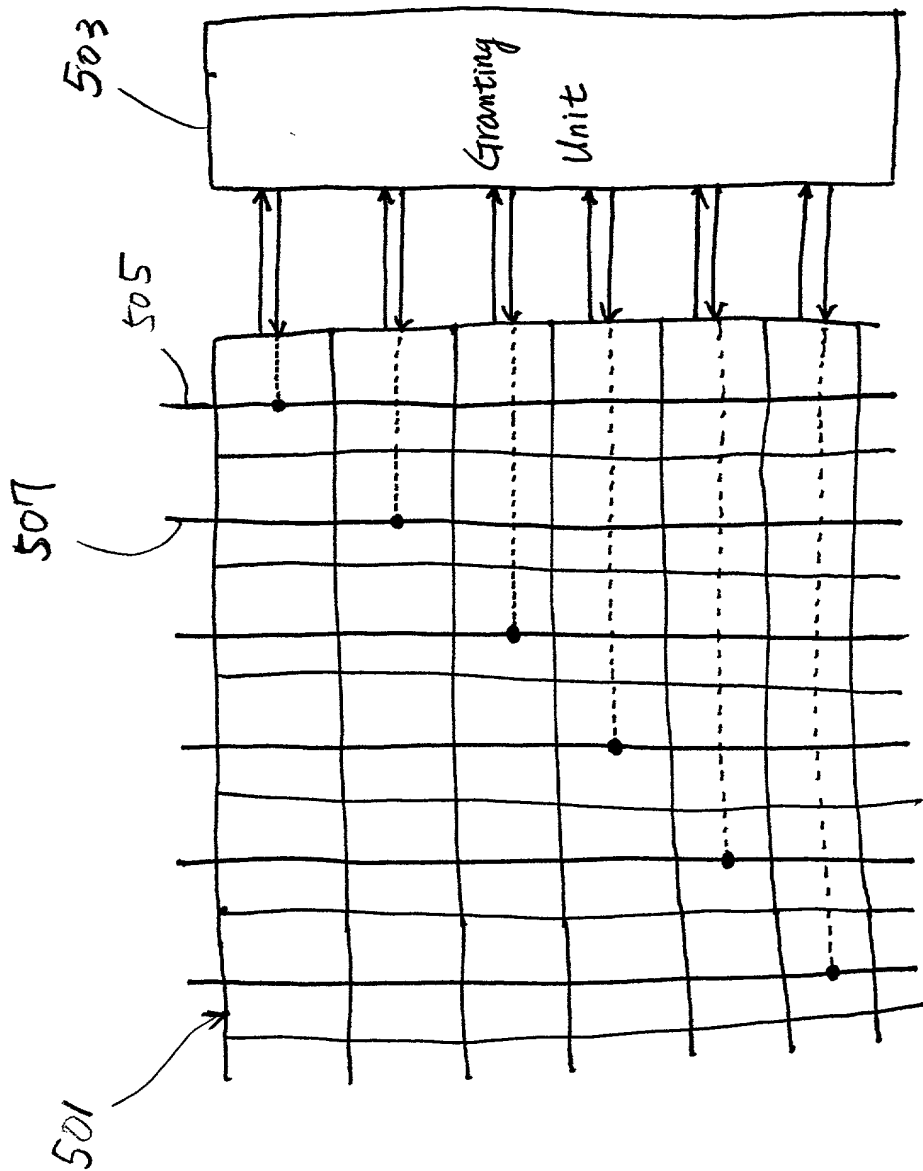


FIGURE 5

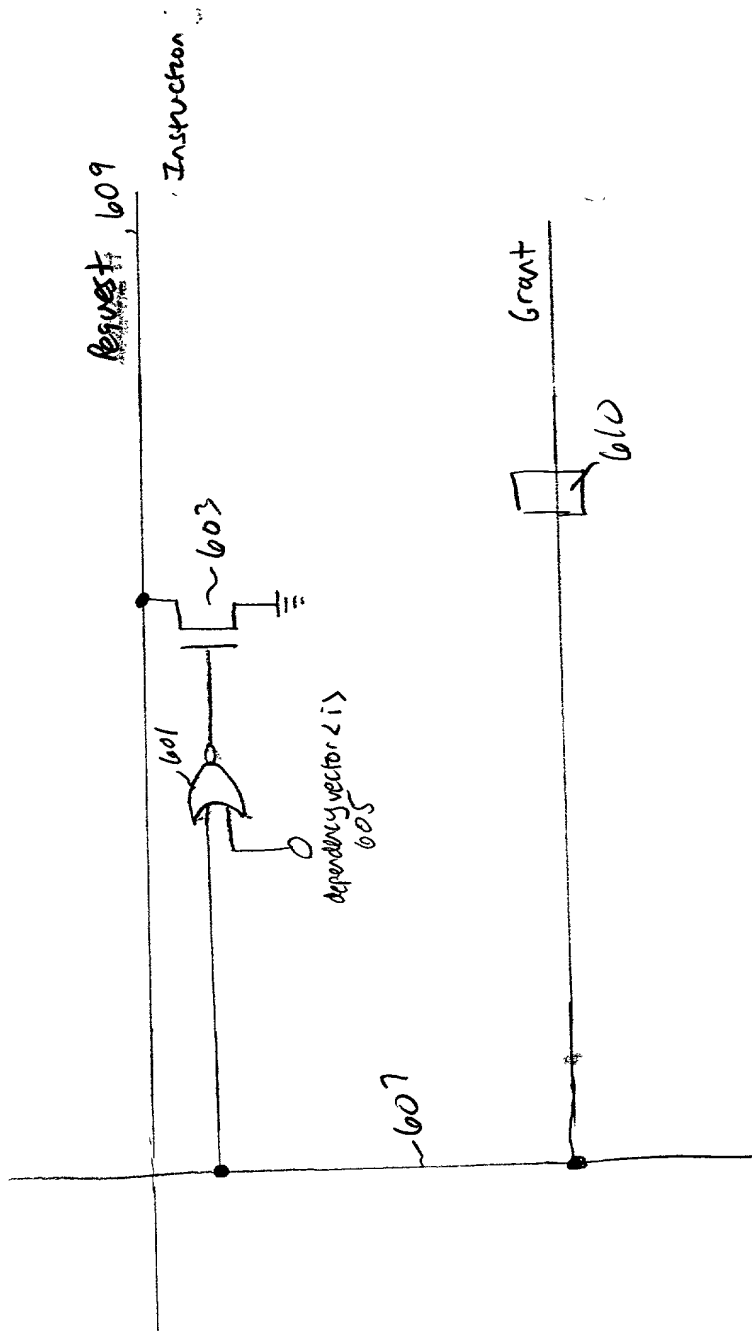


Figure 6A

611

| Dependency vector | Grant | Request |
|----------------------|-------|---------|
| 0 | 0 | 1 |
| 0 | 1 | 1 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

Figure 6B

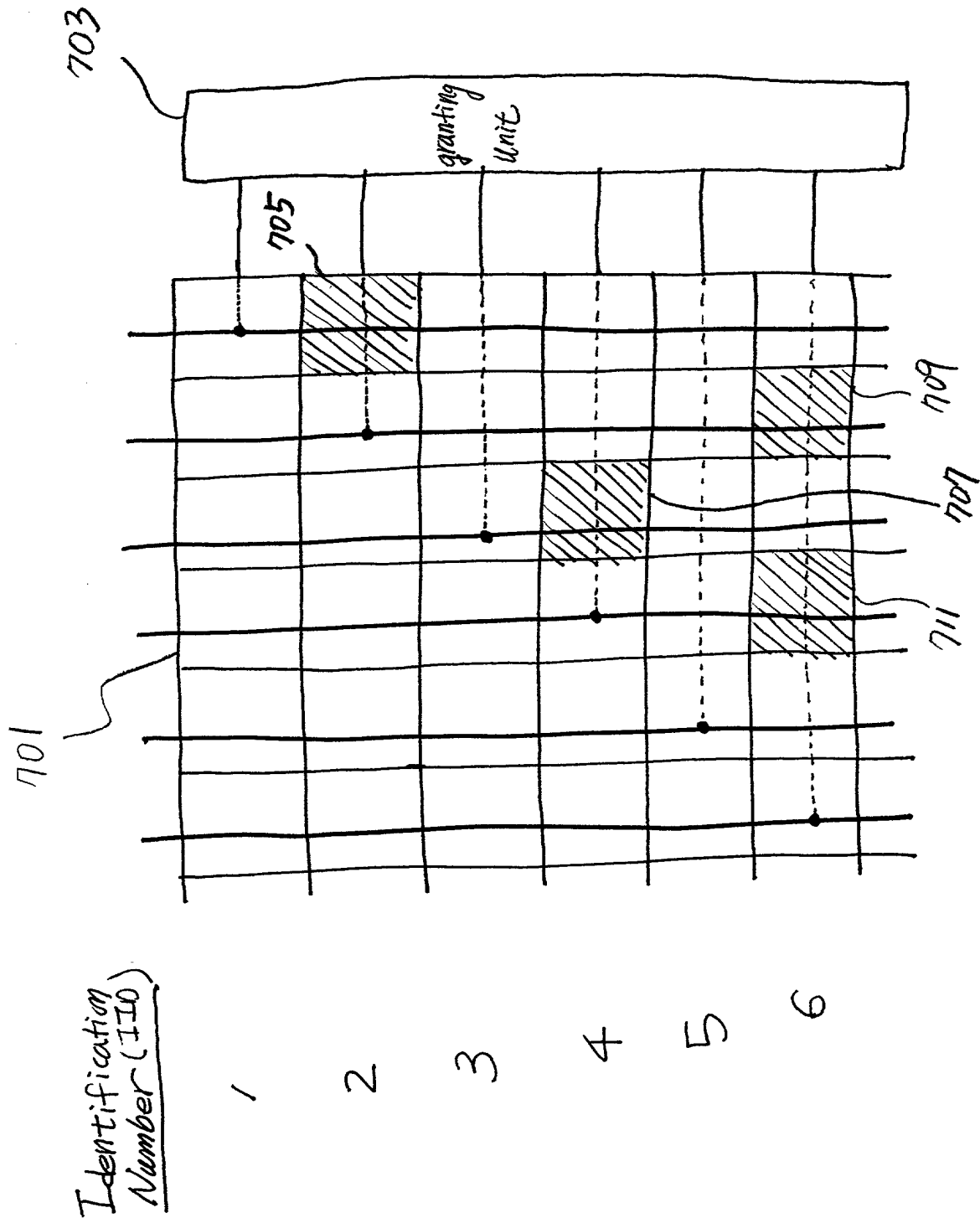


FIGURE 7

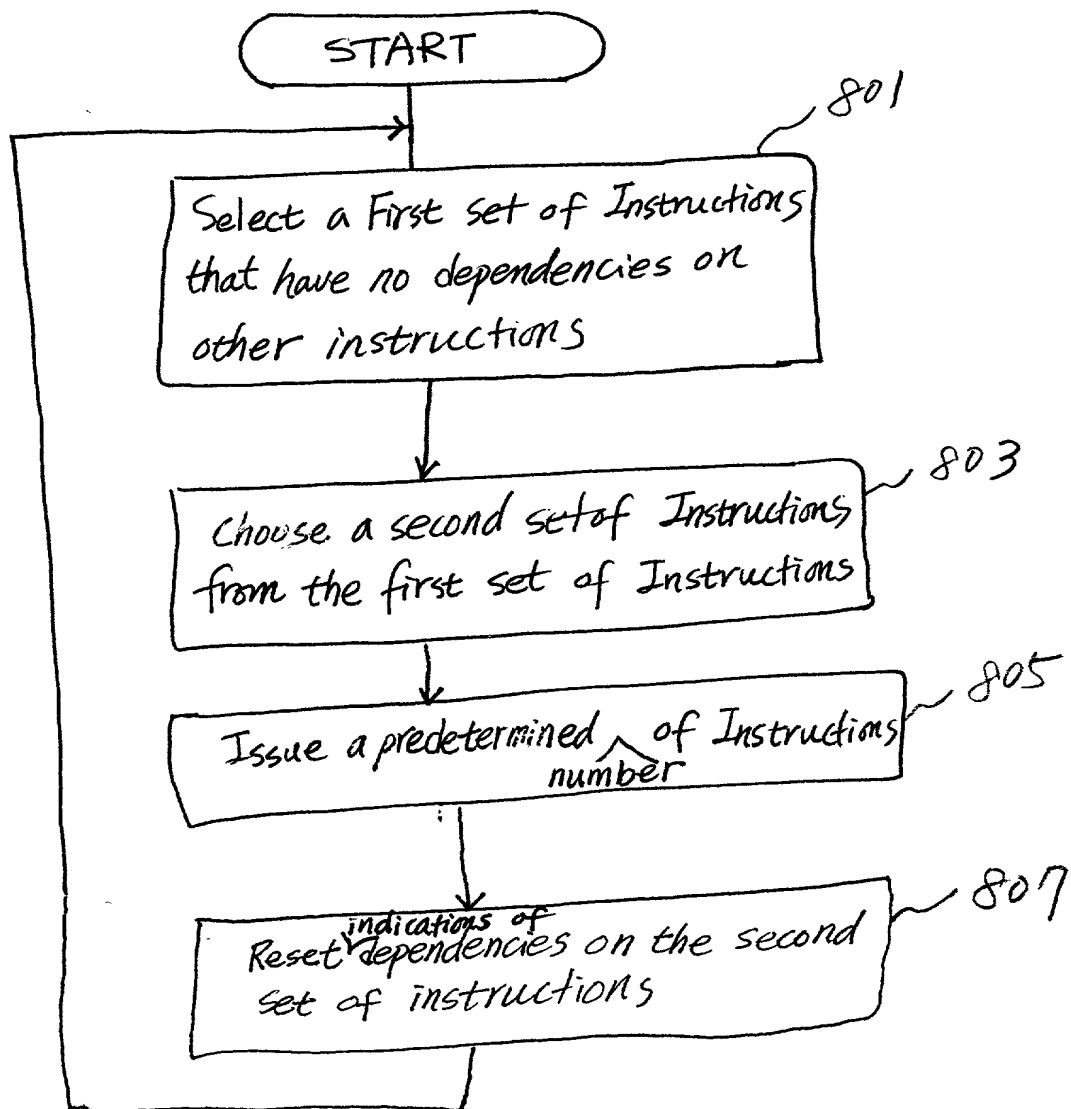


FIGURE 8

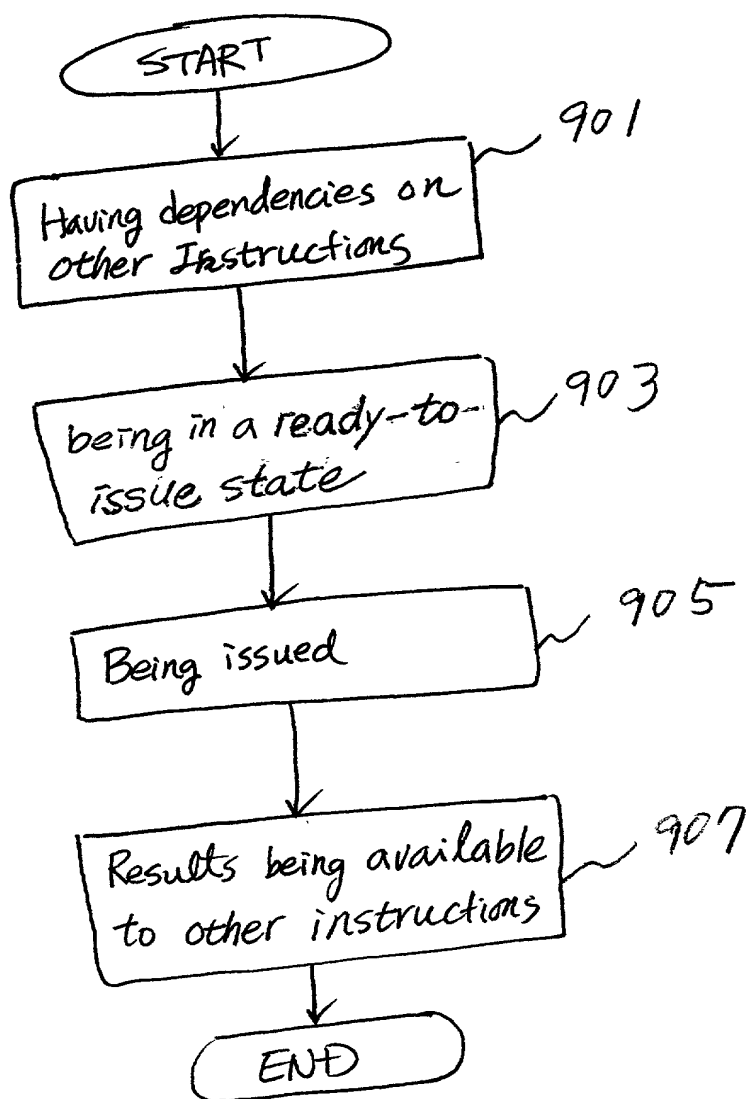


FIGURE 9